Side 1 of 2 sides *Supplement to Form C-2R*

EARLY COMPLIANCE 2005 RESIDENTIAL LIGHTING STANDARDS

The supplement to the C-2R is a limited term form. It shall not be used for any projects applying for permit after the date the 2005 Building Energy Efficiency Standards become effective. It shall be used only for those projects using the temporary Compliance Option for early implementation of the 2005 residential lighting Standards. Any replications of this form shall include this paragraph in its entirety.

Project Title	Date
Project Address	Building Permit Number

SUPPLEMENTAL MANDATORY LIGHTING MEASURES CHECKLIST

Instructions: Check or initial applicable boxes when completed.

DESCRIPTION	BUILDER or DESIGNER
2001 Standards §150(k) 1: General lighting in kitchens shall be controlled by a switch on a readily accessible lighting control panel at an entrance to the kitchen.	☐ OK
2001 Standards §150(k) 2: Rooms with a shower or bathtub shall have at least one luminaire with lamps with an efficacy of 40 lumens/Watt or greater switched at the entrance to the room	☐ OK
2005 Standards, §150(k) 2: Permanently installed luminaires in kitchens shall be high efficacy luminaires except up to 50 percent of the total rated wattage of permanently installed luminaires (determined as specified by §130 (c)) in kitchens may be in luminaires that are not high efficacy luminaires, provided that these luminaires are controlled by switches separate from those controlling the high efficacy luminaires.	☐ OK
2005 Standards, §150(k) 3: Permanently installed luminaires in bathrooms, garages, laundry rooms, and utility rooms shall be high efficacy luminaires OR shall be controlled by an occupant sensor(s) certified to comply with Section 119 (d), which does not turn on automatically or have an “always on” option.	☐ OK
2005 Standards, §150(k) 4: Permanently installed luminaires located other than in kitchens, bathrooms, garages, laundry rooms, and utility rooms shall be high efficacy luminaires (except closets less than 70ft2) OR shall be controlled by a dimmer switch OR shall be controlled by a occupant sensor that complies with the 2005 Standards, Section 119 (d) which does not turn on automatically or have an “always on” option.	☐ OK
2005 Standards, §150(k) 5: Luminaires that are recessed into insulated ceilings shall be approved for zero clearance insulation cover (IC) and shall be labeled as air tight (AT) to less than 2.0 CFM at 75 Pascals when tested in accordance with ASTM E283.	☐ OK
2005 Standards, §150(k) 6: Luminaires providing outdoor lighting permanently mounted to a residential building or to other buildings on the same lot shall be high efficacy luminaires (not including lighting around swimming pools, water features or other locations subject to Article 680 of the California Electric Code) OR shall be controlled by motion sensors with integral photo control certified to comply with Section 119 (d).	☐ OK
2005 Standards, §150(k) 7: Lighting for parking lots for 8 or more vehicles shall have lighting that complies with Sections 130, 132, 147. Lighting for parking garages for 8 or more vehicles shall have lighting that complies with Sections 130,131, 146.	☐ OK ☐ N/A
2005 Standards, §150(k) 8: Permanently installed lighting in the enclosed, non-dwelling spaces of low-rise residential buildings with four or more dwelling units shall be high efficacy luminaires OR shall be controlled by occupant sensor(s) certified to comply with Section 119 (d).	☐ OK ☐ N/A

Note 1: This Supplement to C-2R replaces the Energy Use Summary table of the actual C-2R generated by compliance software.

Note 2: To be valid, this Supplement to C-2R shall be attached to a signed CF-1R and C-2R forms generated by compliance software, or copied on the plan set.

Side 2 of 2 sides ***Supplement to Form C-2R***

EARLY COMPLIANCE 2005 RESIDENTIAL LIGHTING STANDARDS

EXAMPLE - Single Orientation Energy Use Summary					
Front Orientation:	North				
	A	B	C	D	E
Energy Use (kBtu/ sf-Yr)	Standard Design	Proposed Design from C-2R	Early Compliance Credit	Proposed design minus Credit (B-C)	Pass? A ≥ D (YES) D > A (NO)
	40.05	41.08	-1.50	39.58	Yes

Single Orientation Energy Use Summary

(Single family buildings)

Front Orientation:					
	A	**B**	**C**	**D**	**E**
Energy Use (kBtu/ sf-Yr)	Standard Design	Proposed Design from C-2R	Early Compliance Credit	Proposed design minus Credit (B-C)	Pass? A ≥ D (YES) D > A (NO)
			-1.50		

Multiple Orientation Approach Energy Use Summary

(Multi-family buildings where single dwelling units are modeled individually for showing compliance using the multiple orientation approach)

Front Orientation:	North				
	A	**B**	**C**	**D**	**E**
Energy Use (kBtu/ sf-Yr)	Standard Design	Proposed Design from C-2R	Early Compliance Credit	Proposed design minus Credit (B-C)	Pass? A ≥ D (YES) D > A (NO)
			-1.50		
Front Orientation:	East				
Energy Use (kBtu/ sf-Yr)	Standard Design	Proposed Design from C-2R	Early Compliance Credit	Proposed design minus Credit (B-C)	Pass? A ≥ D (YES) D > A (NO)
			-1.50		
Front Orientation:	South				
Energy Use (kBtu/ sf-Yr)	Standard Design	Proposed Design from C-2R	Early Compliance Credit	Proposed design minus Credit (B-C)	Pass? A ≥ D (YES) D > A (NO)
			-1.50		
Front Orientation:	West				
Energy Use (kBtu/ sf-Yr)	Standard Design	Proposed Design from C-2R	Early Compliance Credit	Proposed design minus Credit (B-C)	Pass? A ≥D (YES) D > A (NO)
			-1.50		